

Amendments to the Claims

1-25. (Canceled)

26. (Currently amended) A coating composition for enhancing the bio-activity of a surface of a medical device, said coating composition formed from an aqueous emulsion or dispersion comprising a polycarbonate-polyurethane composition containing an organic acid functional group and [[an]] a molar excess of a polyfunctional cross-linking agent relative to the organic acid functional groups in the polycarbonate-polyurethane composition, said excess being reactive with bio-active agents.

27-35. (Canceled)

36. (Previously presented) The coating composition of claim 26, wherein said polyfunctional cross-linking agent is selected from the group consisting of polyfunctional aziridines, polyfunctional carbodiimides and combinations thereof.

37. (Previously presented) The coating composition of claim 26, wherein said bio-active agents are selected from the group consisting of thrombo-resistant agents, antibiotic agents, anti-tumor agents, growth hormones, antiviral agents, anti-angiogenic agents, angiogenic agents, anti-mitotic agents, anti-inflammatory agents, cell cycle regulating agents, genetic agents, hormones, chemically modified equivalents and combinations thereof.

38-40. (Canceled)